

IN THE SPECIFICATION:

Please substitute the following paragraph for the paragraph starting at page 1, line 18 and ending at page 1, line 27. A marked-up copy of this paragraph, showing the changes made thereto is attached.

--First, a zoom lens is moved to a predetermined zoom position at a high speed during photographing operation, and photographing operation restarts from this position. This photographing method is implemented using a function of storing an arbitrary zoom position as a preset position in advance and turning on a switch during a photographing operation to move the zoom lens to the preset position at the maximum driving speed drivable by the lens device. This function will be referred to as a fast position preset zoom hereinafter.--

Please substitute the following paragraph for the paragraph starting at page 2, line 1 and ending at page 2, line 11. A marked-up copy of this paragraph, showing the changes made thereto is attached.

--Second, a photographing operation is performed while the zoom lens is moved at a predetermined zoom ratio and a predetermined constant speed. This photographing method is achieved using a function of storing an arbitrary zoom position as a preset position in advance, storing an arbitrary zoom lens driving speed as a preset speed,

and turning on a switch during a photographing operation to move the zoom lens to the preset position at the preset speed. This function will be referred to as a memory position preset zoom hereinafter.--

Please substitute the following paragraph for the paragraph starting at page 2, line 12 and ending at page 2, line 21. A marked-up copy of this paragraph, showing the changes made thereto is attached.

--Third, a photographing operation is performed while the zoom lens is moved at a predetermined speed. This photographing method is realized using a function of storing an arbitrary zoom lens driving direction as a preset direction in advance, storing an arbitrary zoom lens driving speed as a preset speed, and turning on a switch during a photographing operation to move the zoom lens in the preset direction at the preset speed.

This function will be referred to as a speed preset zoom hereinafter.--

Please substitute the following paragraph for the paragraph starting at page 2, line 22 and ending at page 3, line 8. A marked-up copy of this paragraph, showing the changes made thereto is attached.

--Fourth, the zoom position is changed while an object is photographed at a given zoom position, and then the zoom position is returned to an original one to continue photographing operation. This photographing method is attained using a function of storing

an arbitrary zoom position as a preset position in advance, turning on a switch to store the zoom position at the switch-on timing, driving the zoom lens to the preset position, enabling a photographing operation, then turning off the switch to drive the zoom lens to the zoom position stored at the switch-on timing, and enabling a photographing operation. This function will be referred to as a shuttle zoom hereinafter.

Please substitute the following paragraph for the paragraph starting at page 3, line 9 and ending at page 3, line 17. A marked-up copy of this paragraph, showing the changes made thereto is attached.

--The preset position and preset speed which must be stored for each function are set by, e.g., the variable resistor of the lens device for each function. As some of recent functions, a zoom position, speed, or direction in actually driving a zoom lens is detected, and detection information obtained at the operation timing of a switch for designating storage is stored as a preset position, preset speed, or preset direction in a semiconductor memory or the like.--

Please substitute the following paragraph for the paragraph starting at page 18, line 3 and ending at page 18, line 12. A marked-up copy of this paragraph, showing the changes made thereto is attached.

--Setting of a preset position for "fast position preset zoom" will be described. To set a preset position, the user drives the zoom lens optical system 7 to a position he/she wants to preset in advance by manipulating the zoom control switch 1, and during the on state of the memory switch 23, changes the state of fast position preset zoom switch 19 from "OFF" to "ON". The CPU 6 stores the position of the zoom lens optical system 7 as a preset position in the CPU preset information memory 28.--

Please substitute the following paragraph for the paragraph starting at page 18, line 13 and ending at page 18, line 23. A marked-up copy of this paragraph, showing the changes made thereto is attached.

--Setting of a preset position for "memory position preset zoom" will be described. To set a preset position, similar to "fast position preset zoom", the user drives the zoom lens optical system 7 to a position he/she wants to preset in advance by manipulating the zoom control switch 1, and during the on state of the memory switch 23, changes the state of memory position preset zoom switch 20 from "OFF" to "ON". The CPU 6 stores the position of the zoom lens optical system 7 as a preset position in the CPU preset information memory 28.--

Please substitute the following paragraph for the paragraph starting at page 29, line 9 and ending at page 29, line 21. A marked-up copy of this paragraph, showing the changes made thereto is attached.

--When there is preset information stored in the memory 18 via the external write device 27, and preset information stored in the CPU preset information memory 28 of the TV lens 100 by using the zoom control switch 1, fast position preset zoom switch 19, memory position preset zoom switch 20, speed preset zoom switch 21, shuttle zoom switch 22, and memory switch 23, preset driving control using the preset information in the CPU preset information memory 28 can be performed by turning on the preset information selector switch 24 by the user, and preset driving control using the preset information in the memory 18 can be performed by keeping the preset information selector switch 24 off.--

IN THE CLAIMS:

Please cancel Claims 11-15 without prejudice or disclaimer of subject matter.

Please amend Claims 1 through 10 as follows. A marked-up copy of Claims 1 through 10 showing the changes made thereto, is attached. Note that all the claims currently pending in this application, including those not presently amended, have been reproduced below for the Examiner's convenience.

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1. (Amended) A preset information setting system comprising:
an optical device; and

an information write device set outside said optical device and connected to said optical device.

wherein said optical device includes an optical member, drive means for driving said optical member, storage means for storing preset information which is written by said information write device and relates to driving of said optical member, and control means for controlling said drive means, and

wherein said control means performs preset drive control of said drive means on the basis of the preset information stored in said storage means.

2. (Amended) A preset information setting system according to claim 1, wherein said information write device generates preset information of an arbitrary form, and

said optical device further comprises information conversion means for converting the preset information of the arbitrary form from said information write device into preset information of a form processible by said control means, said information conversion means storing the converted preset information of the processible form in said storage means.

3. (Amended) A preset information setting system according to claim 1, wherein said information write device generates, as preset information of an arbitrary form, relative position information representing a driving amount from a predetermined position in a movable range of said optical member, and

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 said optical device further comprises information conversion means for converting the relative position information from said information write device into preset information representing an actual driving position of said optical member, said information conversion means storing the converted preset information representing the actual driving position in said storage means.

4. (Amended) A preset information setting system according to claim 1, wherein said information write device generates focal length information as preset information of an arbitrary form, and

 said optical device further comprises information conversion means for converting the focal length information from said information write device into preset information representing an actual driving position of said optical member, said information conversion means storing the converted preset information representing the actual driving position in said storage means.

5. (Amended) A preset information setting system according to claim 1, wherein said information write device generates, as preset information of an arbitrary form, driving time information representing a driving time taken from one end to the other end in a movable range of said optical member, and

 said optical device further comprises information conversion means for converting the driving time information from said information write device into preset information representing an actual driving speed of said optical member, said information

conversion means storing the converted preset information representing the actual driving speed in said storage means.

6. (Amended) A preset information setting system according to claim 1, wherein said information write device generates, as preset information of an arbitrary form, range driving time information representing a driving time in a driving range of the preset driving control, and

said optical device further comprises information conversion means for converting the range driving time information from said information write device into preset information representing a driving speed of said optical member, said information conversion means storing the converted preset information representing the driving speed in said storage means.

7. (Amended) A preset information setting system according to claim 1, wherein said information write device generates preset information of a form processible in the preset drive control, and stores the generated preset information in said storage means.

8. (Amended) A preset information setting system according to claim 1, wherein said optical member includes a zoom lens optical system.

9. (Amended) A preset information setting system according to claim 1, wherein said information write device includes a computer.